



PCT09

## RAW SEQUENCE LISTING

DATE: 07/22/2002

PATENT APPLICATION: US/09/806,311B

TIME: 14:06:20

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\07222002\I806311B.raw

3 <110> APPLICANT: Macina, Roberto A.  
5 <120> TITLE OF INVENTION: A NOVEL METHOD OF DIAGNOSING, MONITORING, STAGING, IMAGING  
AND TREATING  
6 GASTROINTESTINAL CANCERS  
8 <130> FILE REFERENCE: DEX-0184  
C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/806,311B  
C--> 10 <141> CURRENT FILING DATE: 2002-04-30  
10 <150> PRIOR APPLICATION NUMBER: PCT/US99/22725  
11 <151> PRIOR FILING DATE: 1999-09-30  
13 <150> PRIOR APPLICATION NUMBER: 60/102,879  
14 <151> PRIOR FILING DATE: 1998-10-02  
16 <160> NUMBER OF SEQ ID NOS: 2  
18 <170> SOFTWARE: PatentIn version 3.1  
20 <210> SEQ ID NO: 1  
21 <211> LENGTH: 1255  
22 <212> TYPE: DNA  
23 <213> ORGANISM: Homo sapien  
25 <220> FEATURE:  
26 <221> NAME/KEY: misc\_feature  
27 <222> LOCATION: (1224)..(1224)  
28 <223> OTHER INFORMATION: n= a, c, g or t  
31 <220> FEATURE:  
32 <221> NAME/KEY: misc\_feature  
33 <222> LOCATION: (1234)..(1234)  
34 <223> OTHER INFORMATION: n= a, c, g or t  
37 <220> FEATURE:  
38 <221> NAME/KEY: misc\_feature  
39 <222> LOCATION: (1238)..(1238)  
40 <223> OTHER INFORMATION: n= a, c, g or t  
43 <220> FEATURE:  
44 <221> NAME/KEY: misc\_feature  
45 <222> LOCATION: (1247)..(1248)  
46 <223> OTHER INFORMATION: n= a, c, g or t  
49 <400> SEQUENCE: 1  
50 aagatataaa agctccagaa acgttgactg ggaccactgg aggcacgagg aaggcagggg 60  
52 cccttagagt cttggttgcc aaacagattt gcagatcaag gagaaccag gagtttcaaa 120  
54 gaagcgctag taaggtctct gagatccttg cactagctac atcctcaggg taggaggaag 180  
56 atggcttcca gaagcatgcg gctgctccta ttgctgagct gcctggccaa aacaggagtc 240  
58 ctgggtgata tcatcatgag acccagctgt gctcctggat ggttttacca caagtccaat 300  
60 tgctatgggt acttcaggaa gctgaggaac tggctgatg ccgagctcga gtgtcagtct 360  
62 tacggaaacg gagcccacct ggcactctatc ctgagtttaa aggaagccag caccatagca 420  
64 gagtacataa gtggctatca gagaagccag ccgatatgga ttggcctgca cgaccacag 480  
66 aagaggcagc agtggcagtg gattgatggg gccatgtatc tgtacagatc ctgggtctggc 540  
68 aagtccatgg gtgggaacaa gcactgtgct gagatgagct ccaataacaa ctttttaact 600

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/806,311B

DATE: 07/22/2002

TIME: 14:06:20

Input Set : A:\PT0.DC.txt

Output Set: N:\CRF3\07222002\I806311B.raw

```

70 tggagcagca acgaatgcaa caagcgccaa cacttcctgt gcaagtaccg accatagagc 660
72 aagaatcaag attctgctaa ctctgcaca gcccgcctct cttcctttct gctagcctgg 720
74 ctaaactctgc tcattatttc agaggggaaa cctagcaaac taagagtgat aagggcccta 780
76 ctacactggc ttttttaggc ttagagacag aaacttttagc attggcccag tagtggttc 840
78 tagctctaaa tgtttgcccc gccatccctt tccacagtat ccttcttccc tcctcccctg 900
80 tctctggctg tctcgagcag tctagaagag tgcattctcca gcctatgaaa cagctgggtc 960
82 tttggccata agaagtaaag atttgaagac agaaggaaga aactcaggag taagcttcta 1020
84 gaccccttca gcttctacac ccttctgccc tctctccatt gcctgcaccc caccagcc 1080
86 actcaactcc tgcttgttt tcctttggcc ataggaagggt ttaccagtag aatccttgct 1140
88 aggttgatgt gggccataca ttcctttaat aaaccattgt gtacatgaag aaaaaaaaaa 1200
W--> 90 aaaaaaaaaa aaaggggggg ccgnttcaag gggntccnaa gtttganntg acggg 1255
93 <210> SEQ ID NO: 2
94 <211> LENGTH: 153
95 <212> TYPE: PRT
96 <213> ORGANISM: Homo sapien
98 <400> SEQUENCE: 2
100 Met Arg Leu Leu Leu Leu Ser Cys Leu Ala Lys Thr Gly Val Leu
101 1 5 10 15
104 Gly Asp Ile Ile Met Arg Pro Ser Cys Ala Pro Gly Trp Phe Tyr His
105 20 25 30
108 Lys Ser Asn Cys Tyr Gly Tyr Phe Arg Lys Leu Arg Asn Trp Ser Asp
109 35 40 45
112 Ala Glu Leu Glu Cys Gln Ser Tyr Gly Asn Gly Ala His Leu Ala Ser
113 50 55 60
116 Ile Leu Ser Leu Lys Glu Ala Ser Thr Ile Ala Glu Tyr Ile Ser Gly
117 65 70 75 80
120 Tyr Gln Arg Ser Gln Pro Ile Trp Ile Gly Leu His Asp Pro Gln Lys
121 85 90 95
124 Arg Gln Gln Trp Gln Trp Ile Asp Gly Ala Met Tyr Leu Tyr Arg Ser
125 100 105 110
128 Trp Ser Gly Lys Ser Met Gly Gly Asn Lys His Cys Ala Glu Met Ser
129 115 120 125
132 Ser Asn Asn Asn Phe Leu Thr Trp Ser Ser Asn Glu Cys Asn Lys Arg
133 130 135 140
136 Gln His Phe Leu Cys Lys Tyr Arg Pro
137 145 150

```

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/806,311B

DATE: 07/22/2002  
TIME: 14:06:21

Input Set : A:\PTO.DC.txt  
Output Set: N:\CRF3\07222002\I806311B.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 1224,1234,1238,1247,1248

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/806,311B

DATE: 07/22/2002

TIME: 14:06:21

Input Set : A:\PTO.DC.txt

Output Set: N:\CRF3\07222002\I806311B.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:90 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:1200